Confidential
DECLASSIFIED

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JUNE, 1942

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

STATISTICS DIVISION

JUNE 1942

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0C Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	57.9	58.1	57.7	57.9	29.0	20.1	25.1	28.6	23.3	25.7
2	7.8	7.4	7.8	7.7	28.6	20.6	24.6	27.6	23.1	25.1
3	9.0	9.1	9.3	9.1	29.4	21.7	25.1	28.6	23.4	25.7
4	60.0	60.0	9.9	60.0	35.3	23.3	27.6	33.6	26.3	29.2
5	58.1	57.0	4.9	56.7	36.8	23.8	29.7	31.9	29.4	30.3
6	57.0	58.5	59.2	58.2	28.2	21.3	25.0	26.7	22.7	24.8
7	9.0	9.5	60.3	9.6	28.4	20.1	22.5	27.8	22.8	24.4
8	61.9	62.3	2.1	62.1	31.5	20.6	25.1	28.8	25.4	26.4
9	2.3	1.5	0.0	1.3	30.1	21.4	25.6	27.8	23.8	25.7
10	0.1	58.9	57.8	58.9	31.3	22.4	25.9	30.7	24.0	26.9
11	58.0	57.5	56.9	57.5	30.1	22.7	27.5	28.8	25.1	27.1
12	7.0	6.0	5.6	6.2	31.9	22.2	25.7	30.1	24.9	26.9
13	5.5	5.2	4.0	4.9	30.1	22.2	25.5	29.4	23.9	26.3
14	3.3	3.7	4.2	3.7	30.6	22.4	25.3	29.9	24.6	26.6
15	5.8	6.9	7.4	6.7	30.3	22.4	26.1	29.9	24.4	26.8
16	59.2	59.1	59.1	59.1	30.6	21.0	26.3	30.2	24.6	27.0
17	9.3	8.9	8.2	8.8	30.8	21.4	25.0	29.3	24.6	26.3
18	7.7	7.0	6.8	7.2	30.3	23.3	26.1	29.6	25.1	26.9
19	6.3	5.9	5.4	5.9	32.6	24.4	27.6	30.8	25.4	27.9
20	4.5	4.2	3.5	4.1	32.8	24.7	29.2	31.1	28.9	29.7
21	53.7	52.7	53.3	53.2	40.7	25.3	28.9	34.4	30.9	31.4
22	3.2	2.8	1.7	2.6	37.4	27.2	30.9	35.1	31.1	32.4
23	2.2	1.6	3.4	2.4	32.3	24.3	28.7	31.7	26.7	29.0
24	5.7	6.2	6.5	6.1	31.9	22.8	27.7	31.3	25.3	28.1
25	6.2	5.9	5.6	5.9	31.8	22.4	26.6	30.8	25.7	27.7
26	56.0	56.1	56.0	56.0	31.6	22.4	27.1	30.6	25.4	27.7
27	6.0	6.7	5.6	6.1	31.8	23.6	27.8	31.5	25.7	28.3
28	5.3	5.4	5.0	5.2	32.1	23.3	27.1	31.6	25.4	28.0
29	4.8	4.1	3.8	4.2	32.0	23.6	28.1	31.6	26.0	28.6
30	3.5	3.1	2.9	3.2	31.8	24.0	28.1	31.4	25.7	28.4
	56.87	56.71	56.45	56.68	31.73	22.69	26.71	30.37	25.45	27.51

Barometer, range for month 762.3 mm.—751.6 mm.
,, 62-yr. average for month 758.02 mm.
Thermometer, range for month 40.7° C.—20.1° C.
,, 62-yr. average for month 25.50° C.
Rain, total for month 1.78 mm.
,, , 62-yr. average for month 3.56 mm.
,, , total, from Sept. 1st 886.20 mm.
62-yr. average, total from Sept. 1st 883.92 mm.

*Summer time

JUNE 1942

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	17.1	17.7	16.5	17.1	73	60	77	70	11.9	312.0	
2	16.7	17.9	17.1	17.2	73	66	81	73	12.6	460.8	
3	18.2	20.4	19.1	19.2	76	70	89	78	11.0	347.2	
4	15.7	14.0	14.0	14.6	58	36	55	50	12.2	296.0	
5	17.6	20.3	12.9	16.9	56	57	41	51	8.9	520.0	
6	19.2	16.5	15.1	16.9	81	63	74	73	5.0	640.0	
7	15.0	15.5	15.5	15.3	75	56	75	69	10.8	544.0	1.78
8	15.0	17.1	15.5	15.9	64	58	64	62	10.5	320.0	
9	23.2	18.7	14.5	18.8	95	68	66	76	13.4	712.0	
10	16.8	19.3	19.6	18.6	67	58	88	71	13.2	444.8	
11	18.0	19.1	15.6	17.6	66	64	67	66	12.0	568.0	
12	18.8	20.2	19.9	19.6	76	62	85	74	12.5	400.0	
13	17.7	19.0	19.4	18.7	72	62	88	74	11.4	581.0	
14	14.8	18.5	19.7	17.7	62	58	86	69	8.8	256.0	
15	16.4	19.5	20.1	19.3	73	61	88	74	10.8	556.8	
16	18.3	20.1	20.4	19.6	71	62	89	74	12.8	416.0	
17	17.8	17.6	17.9	17.8	75	57	78	70	13.0	256.0	
18	18.1	19.0	19.7	18.9	71	61	83	72	12.8	384.0	
19	18.9	22.4	21.9	21.1	70	67	90	76	15.0	603.2	
20	19.5	24.9	19.9	21.4	64	75	67	69	13.2	320.0	
21	19.9	19.6	17.1	18.9	67	48	51	55	12.9	256.0	
22	19.6	25.2	16.1	20.3	58	60	47	55	11.7	352.0	
23	21.5	23.8	22.2	22.2	73	65	85	74	13.1	672.0	
24	20.1	18.5	17.5	18.7	72	54	73	66	11.3	384.0	
25	17.4	18.0	17.6	17.7	66	55	72	64	10.0	592.0	
26	16.5	18.0	18.2	17.6	62	55	75	64	13.2	288.0	
27	19.0	19.4	19.0	19.1	68	56	77	67	12.6	544.0	
28	18.7	19.3	19.6	19.2	71	55	80	69	13.0	665.6	
29	18.9	20.4	20.2	19.8	67	59	81	69	12.4	547.2	
30	19.7	20.6	21.3	20.5	70	59	87	72	12.6	656.0	
	18.20	19.31	18.10	18.54	69.7	60.2	75.3	68.2	11.75	463.15	.006

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.3 m.
Time of readings minus 3 hours equals G.C.T.
62-year averages are for period, 1875-1936

JUNE 1942

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	2cu	10cu	4.0	1sw	1sw	0	calm	H a.m.
2	5cu	1cu	0	2.0	1sw	1sw	0	light	
3	4cu	0	0	1.3	1sw	1sw	1sw	slight	tr. of rain p.m.
4	0	0	0	0.0	0	1sw	1sw	calm	
5	0	0	3cu	1.0	0	1nw	1w	light	G at 9:30 H all day
6	10cu	6cu	5cu	7.0	2sw	2sw	3sw	slight	
7	9cu	6cu	6cu	7.0	2sw	3sw	2sw	„	Tr. of rain a.m.
8	0	4cu	5cu	3.0	2sw	2sw	2sw	„	
9	0	0	0	0.0	2ne	2ne	3ne	„	
10	0	0	0	0.0	1nw	1nw	1ne	„	
11	0	0	0	0.0	0	1ne	1n	slight	W blows at night
12	0	0	0	0.0	2sw	1n	1ne	light	
13	0	0	0	0.0	3sw	3sw	2sw	„	
14	10cu	1cu	0	3.7	1sw	3sw	1sw	„	
15	0	0	0	0.0	3sw	2sw	1sw	calm	H all day
16	1cu	0	0	0.3	3sw	2sw	1sw	calm	H a.m.
17	1cu	0	0	0.3	1sw	2sw	0	„	„ „
18	0	0	0	0.0	1ne	1nw	1nw	„	„ „
19	0	0	0	0.0	1ne	2nw	2ne	light	„ „
20	0	0	0	0.0	1nw	1nw	1nw	„	
21	0	0	0	0.0	1sw	1ne	1ne	light	
22	2cu	1cu	1cu	1.3	0	0	2ne	calm	
23	0	0	0	0.0	4sw	2sw	2sw	„	H p.m.
24	0	2cu	1cu	1.0	1sw	1sw	1sw	slight	
25	2cu	3cu	7cu	4.0	1sw	3w	1sw	„	
26	2cu	1cu	1cu	1.3	1sw	3sw	0	slight	
27	3cu	0	1cu	1.3	2sw	2sw	1sw	„	W blows at night
28	0	0	0	0.0	3sw	3sw	3sw	„	Heavy W „ „
29	0	1cu	0	0.3	2sw	2sw	1sw	light	G force „ „
30	0	1cu	0	0.3	2sw	3sw	0	„	„ „ „ „
				1.30					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	0	3	0	0	0	21	0	2	4	30
14:30	1	3	0	0	0	19	1	5	1	30
20:30	1	6	0	0	0	15	1	2	5	30
Totals	2	12	0	0	0	55	2	9	10	90

Number of days with rain 1, fog 0, thunderstorms 0, gale 3.

62 yr. av. days with rain during month 0.8 days